

Title (en)
Signal processing device and signal processing method

Title (de)
Vorrichtung und Verfahren zur Signalverarbeitung

Title (fr)
Dispositif et procédé de traitement de signal

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Application
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Abstract (en)
Embodiments of the invention disclose a signal processing device and a signal processing method and a device and a method for signal processing. The signal processing device includes a sampling module, a first segmentation module, a second segmentation module, and a detection module. The sampling module samples an input signal to generate a sample signal. The first segmentation module calculates a first segment value according to the sample signal during a first time interval. The second segmentation module calculates a second segment value according to the sample signal during a second time interval different in length from the first time interval. The detection module generates a detection signal according to the determination of whether the first segment value lies out of a first range, and whether the second segment value lies out of a second range.

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Citation (search report)

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